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SEVENTY-FIFTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WORCESTER INSANE HOSPITAL,

AND

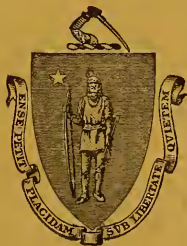
THIRTIETH ANNUAL REPORT OF THE TRUSTEES

OF THE

WORCESTER INSANE ASYLUM AT WORCESTER,

FOR THE

YEAR ENDING NOVEMBER 30, 1907.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.

1908.



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Mass. Worcester state hospital



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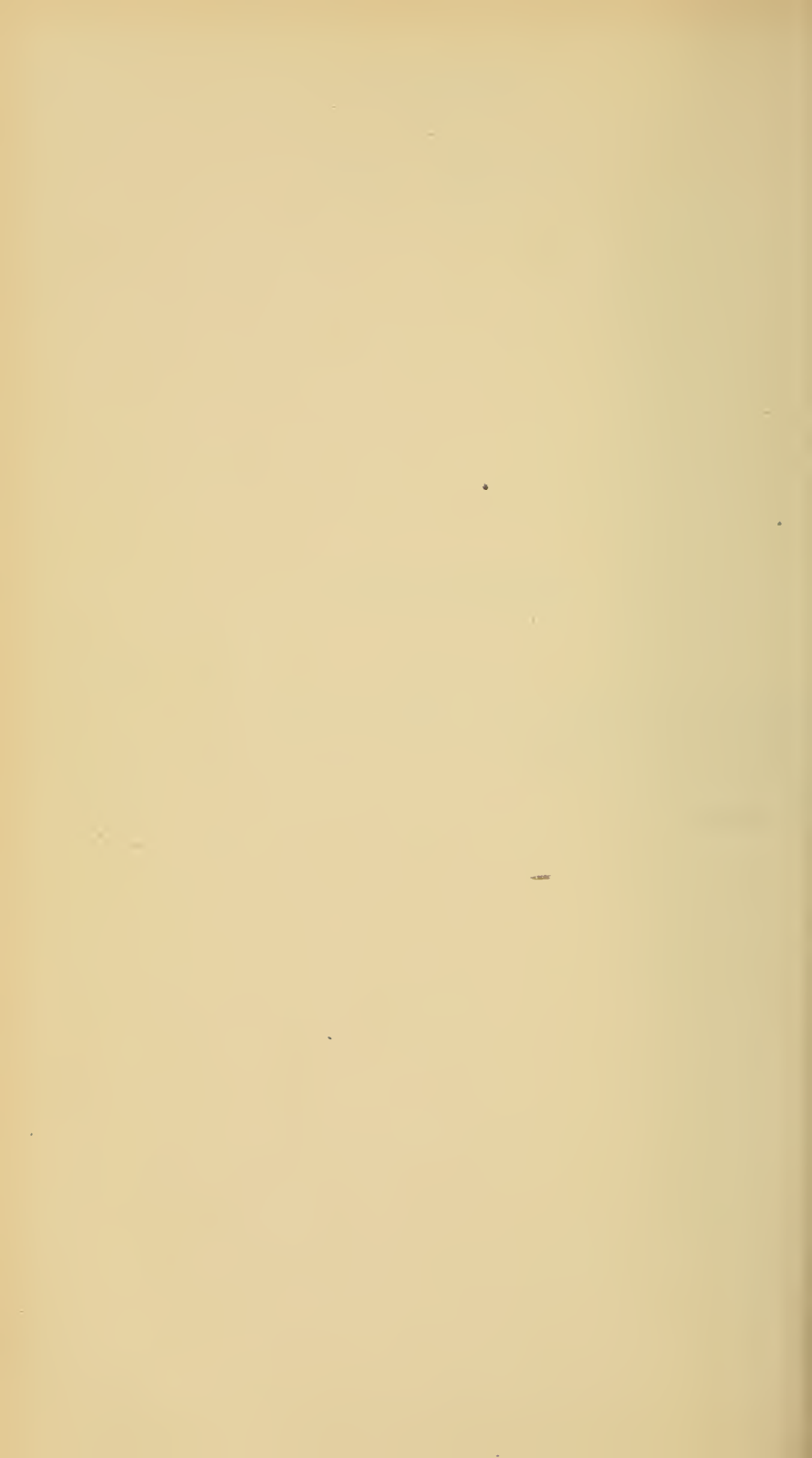
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OFFICERS OF THE HOSPITAL.

TRUSTEES.

| | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---------------|
| LYMAN A. ELY, | . | . | . | . | . | . | . | WORCESTER. |
| T. HOVEY GAGE, JR., | . | . | . | . | . | . | . | WORCESTER. |
| THOMAS RUSSELL, | . | . | . | . | . | . | . | BOSTON. |
| SARAH E. WHITIN, | . | . | . | . | . | . | . | WHITINSVILLE. |
| FRANCES M. LINCOLN, | . | . | . | . | . | . | . | WORCESTER. |
| SAMUEL B. WOODWARD, | . | . | . | . | . | . | . | WORCESTER. |
| GEORGE F. BLAKE, | . | . | . | . | . | . | . | WORCESTER. |

RESIDENT OFFICERS.

| | | | | | | |
|-------------------------------|---|---|---|---|---|---|
| HOSEA M. QUINBY, M.D., | . | . | . | . | . | <i>Superintendent.</i> |
| THEODORE A. HOCH, M.D., | . | . | . | . | . | <i>First Assistant Physician.</i> |
| CORNELIA B. J. SCHORER, M.D., | . | . | . | . | . | <i>Assistant Physician.</i> |
| EDWARD MELLUS, M.D., | . | . | . | . | . | <i>Assistant Physician.</i> |
| RAY L. WHITNEY, M.D., | . | . | . | . | . | <i>Assistant Physician.</i> |
| MASON W. H. PITMAN, M.D., | . | . | . | . | . | <i>Assistant Physician.</i> |
| FREEMAN A. TOWER, M.D., | . | . | . | . | . | <i>Assistant Physician and</i> <i>Pathologist.</i> |
| GEORGE H. SULLIVAN, M.D., | . | . | . | . | . | <i>Junior Assistant Physician.</i> |
| IDA A. McNEIL, | . | . | . | . | . | <i>Superintendent of Nurses.</i> |
| HENRY R. CENTER, | . | . | . | . | . | <i>Steward.</i> |
| LILA J. GORDON, | . | . | . | . | . | <i>Matron.</i> |
| JOSEPH T. REYNOLDS, | . | . | . | . | . | <i>Farmer.</i> |

NON-RESIDENT OFFICERS.

| | | | | | | | |
|------------------------|---|---|---|---|---|---|-------------------|
| WILLIAM D. SPROAT, | . | . | . | . | . | . | <i>Druggist.</i> |
| ALBERT WOOD, | . | . | . | . | . | . | <i>Treasurer.</i> |
| GEORGE L. CLARK, | . | . | . | . | . | . | <i>Auditor.</i> |
| JESSIE M. D. HAMILTON, | . | . | . | . | . | . | <i>Clerk.</i> |
| JAMES DICKISON, JR., | . | . | . | . | . | . | <i>Engineer.</i> |

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester Insane Hospital respectfully submit their seventy-fifth annual report, together with the reports of the superintendent and treasurer.

The exhaustive reports of the superintendent and treasurer herewith presented, which minutely furnish all information which could possibly be desired in arriving at the true condition of the hospital and all matters pertaining thereto, make repetition in this report unnecessary.

The daily average number of patients has been 1,121.63 as against 1,157.92 of last year.

The hospital work, as well as the service in every department of the institution, has been prosecuted most successfully, meeting the hearty approval of the trustees. More work than usual has been performed by the patients, much to their comfort and contentment.

The training school is giving great promise of important results; at the graduation in June diplomas were presented to 15 nurses.

The home for 80 male nurses is now complete and ready for occupancy, supplying an important and long-felt necessity.

The superintendent, in his report to the trustees of 1906, voiced his ardent desire, which has the unanimous approval of the trustees, in advocating the purchase of two tracts of land, containing $108\frac{1}{3}$ acres, known as the "Putnam and Curtis tracts," adjoining the hospital land on the north and southwest. The "Curtis tract," containing $68\frac{1}{3}$ acres, fronts on Plantation Street, the south line being within a few feet of the new nurses' home for men, also being all the land between the hospital estate and the Notre Dame

Institute. The acquisition of this land would preclude objectionable occupancy in that direction. The "Putnam tract," fronting on Belmont Street and containing 40 acres, juts into the hospital land very near the nurses' home for women and the recreation grounds. There are several springs and a small reservoir on this land which can be made useful as well as profitable. The trustees are thoroughly of the opinion that it would be unwise not to secure these two tracts while they can be obtained at the average price of \$175 per acre, as portions of this land will speedily come into the market for improvement.

The "Curtis tract" was very much desired by the trustees when the original purchase of the hospital site was made, especially so when the site for the main buildings was located, but the owner absolutely refused to sell. Both tracts are in the hands of descendants of the early settlers, who have until recently been most reluctant to sell. For this purpose we ask an appropriation of \$18,700.

The trustees are firmly convinced of the great necessity of enlarged and more up-to-date provision for the violent insane, bed-ridden, general paralytics and kindred patients, so strenuously set forth in the report of our superintendent last year. We most earnestly recommend that an addition be provided to both the male and female "excited wards," to accommodate 75 patients each, and that an appropriation of \$100,000 be made therefor.

Respectfully submitted,

LYMAN A. ELY.

T. HOVEY GAGE, JR.

THOMAS RUSSELL.

SARAH E. WHITIN.

FRANCES M. LINCOLN.

SAMUEL B. WOODWARD.

GEORGE F. BLAKE.

Nov. 30, 1907.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Insane Hospital.

I herewith respectfully submit the following report of the hospital for the year ending Nov. 30, 1907, it being the seventy-fifth annual report.

There remained at the hospital Oct. 1, 1906, 1,092 patients, — 573 men and 519 women. During the year ending Sept. 30, 1907, there were admitted 631 patients, — 355 men and 276 women. Five hundred and sixty-three patients — 344 men and 219 women — were dismissed from the hospital. Of this number, 212 patients — 108 men and 104 women — were discharged; 163 patients — 105 men and 58 women — died; 74 patients — 54 men and 20 women — were transferred; and 114 patients — 77 men and 37 women — left on visit and escape, leaving at the end of the statistical year 1,160 patients, — 584 men and 576 women. Of this number, 914 were supported by the State, 2 women (habitual drunkards) by towns, 159 by friends and 85 as reimbursing patients. Of the 286 patients discharged and transferred, 78 (including 4 habitual drunkards, women) were reported recovered, 57 capable of self-support, 44 improved and 103 not improved. Four were discharged as not insane. Fifty men were transferred by the State Board of Insanity to the Worcester Insane Asylum, 3 women to the State Hospital, Tewksbury, 3 women to the Boston Insane Hospital, 1 man and 3 women to the Westborough Insane Hospital, 2 men to the Asylum for Insane Criminals, 2 women to the Danvers Insane Hospital and 1 man to the State Hospital for Epileptics. Twenty-three men and 17 women were removed from the State, and 9 women were boarded out.

There remained at the end of the year 68 patients more than at the beginning. The smallest number under treatment on any one day was 1,081, and the largest, 1,178. The daily average number was 1,121.63

The percentage of recoveries, calculated upon the number of discharges and deaths, was 15; calculated upon the number of admissions it was 12.3.

The death-rate was 9, calculated on the whole number of patients under treatment, and 14.5, calculated on the daily average number.

During the winter and early spring the hospital, in common with many of the schools, colleges and other larger institutions of New England, suffered from an epidemic of scarlet fever. There were in all seventeen cases, confined mostly to the nurses, and entirely to the women's wards. Although the disease ran a mild course and resulted in no fatality, it made it necessary to vacate one of our wards and to set it apart as an isolating ward, and to suspend our training school, our entertainments and our Sunday services from February to May. Following this came an outbreak of measles among our farm hands and male attendants. Although neither of these epidemics was serious in itself, both seriously disorganized the orderly routine of the hospital, depriving us, as they did for several months, of the services of a large part of our working force, at a time when we were short of help, and, on account of the peculiar conditions obtaining in the labor market, were unable to get additional employees.

The male nurses' home, which has been under construction for the past year, is now completed and ready for occupancy. The building is designed to accommodate 80 nurses, with the necessary caretakers, and will not only furnish our male employees with a pleasant and spacious home to which they can retire after their duties on the wards are over, but will restore a large number of single rooms originally intended for patients to their proper use.

The alterations in our old coal pocket, authorized by the last Legislature for the purposes of a bath and for work rooms, are well under way, while those on the elevator and iron staircase in the administration building have been left until the coming winter as much of the preparatory work here necessary in tearing down and rebuilding walls can be done by our patients, and will furnish them work when their usual out-of-door employment is at a standstill.

Mention was made in our last report of the need of additional accommodations for our violent insane, and for certain other classes of our patients, who require special provisions for their care and treatment.

With the growth of the hospital the accommodations originally designed for violent patients have been outgrown, so that now,

whatever the condition of the rest of the hospital wards is as to crowding, our violent wards are always overcrowded. Aside from this, new and vastly improved methods of treatment have come in vogue since these wards were built, — methods which require special appliances and provisions in order to carry them out successfully. Feeling as I do that, until the accommodations for this class of patients are enlarged and provided with modern appliances for caring for such cases, we cannot do for our patients all that might and should be done for them, I would urge that this matter be again brought to the attention of the Legislature.

Although our report of last year recommended an addition to both the men's and women's wards, only one addition was asked for at that time. The need, however, for these additions is a pressing one, and no less on one side of the building than on the other, and as a year's time, at least, must elapse before they can be completed and ready for occupancy, I would recommend that both be undertaken at once.

I am more and more convinced that both of the tracts of land, for the purchase of which an appropriation was asked last year, are essential for the proper carrying on of the work of the hospital, and that they must eventually be secured. It would seem, therefore, poor economy for the State to refuse to avail itself of the opportunity which is still open to buy this land while it is at least relatively cheap, rather than wait until the most desirable portions are cut up into building lots and built upon, as they soon will be unless they are at once secured for the use of the hospital.

The following changes have taken place in the staff of the hospital: Drs. R. L. Whitney and M. W. H. Pitman were promoted from junior to senior physicians on Jan. 1, 1907. Dr. R. O. LeBaron left Nov. 29, 1906, and Dr. G. B. Landers left Dec. 23, 1906. Dr. G. F. Sullivan was appointed junior physician July 15, 1907. Miss A. C. Farley, superintendent of nurses, resigned Aug. 1, 1907, and Miss Ida A. McNeil was appointed to fill her place.

We wish to thank the proprietors of the "Worcester Evening Gazette" and the "Fitchburg Sentinel" for copies of their papers, and the Worcester Employment Society for their valuable assistance in sewing.

H. M. QUINBY, M.D.,

Superintendent.

PRODUCTS OF THE FARM

ON HAND DEC. 1, 1907, AND NOT DELIVERED AT THE HOSPITAL.

| | | | |
|---------------------------------|-------|------------------------------------|-----|
| Beets, bushels, . . . | 390 | Celery, boxes, . . . | 500 |
| Brussels sprouts, quarts, . . . | 400 | Oyster plant, dozen bunches, . . . | 83 |
| Cabbage, heads, . . . | 3,500 | Parsnips, bushels, . . . | 300 |
| Cauliflower, boxes, . . . | 27 | Turnips, barrels, . . . | 320 |
| Carrots, bushels, . . . | 340 | | |

FARM ACCOUNT.

DR.

| | |
|---|-----------|
| Bread, | \$401 73 |
| Butter, | 1,143 43 |
| Blacksmithing and supplies, | 411 40 |
| Carriages, wagons and repairs, | 328 70 |
| Current expenses, | 1,463 76 |
| Fertilizers, | 401 80 |
| Fish, | 254 00 |
| Fuel, | 556 57 |
| Furnishings, | 173 24 |
| Furniture, | 24 66 |
| Groceries, etc., | 3,030 74 |
| Harness and repairs, | 266 38 |
| Hay, grain, etc., | 10,452 21 |
| Ice, | 186 21 |
| Lights, | 320 90 |
| Live stock, | 2,368 00 |
| Meats, | 2,281 60 |
| Milk, | 907 95 |
| Repairs, | 1,167 69 |
| Sugar, | 446 75 |
| Seeds, | 180 82 |
| Tools, | 416 95 |
| Wages, | 12,798 87 |
| Water, | 200 66 |
| Net gain for year ending Nov. 30, 1907, | 5,993 40 |

\$46,178 42

| | CR. | |
|--|---------|----|
| Apples, 733½ barrels, | \$2,170 | 50 |
| Artichokes, 3 pounds, | | 12 |
| Asparagus, 5½ boxes, | 23 | 38 |
| Beans, lima, 42 bushels, | 63 | 00 |
| Beans, string, 124½ bushels, | 124 | 50 |
| Beets, 267½ bushels, | 133 | 75 |
| Brussels sprouts, 62 quarts, | 6 | 82 |
| Beef, 13 sides, 7,152 pounds, | 429 | 12 |
| Cabbage, 14,396 heads, | 719 | 80 |
| Carrots, 52½ bushels, | 31 | 50 |
| Cauliflower, 41 boxes, | 41 | 00 |
| Celery, 875 boxes, | 743 | 75 |
| Chard, 260 bushels, | 91 | 00 |
| Cider, 1,569 gallons, | 156 | 90 |
| Corn, 639 bushels, | 479 | 25 |
| Cucumbers, 50 boxes, | 100 | 00 |
| Cucumber pickles, 112½ pecks, | 45 | 00 |
| Currants, 32 quarts, | 3 | 52 |
| Egg plant, 1.73 barrels, | 3 | 46 |
| Feed, corn, whole, 1,000 pounds, | 12 | 10 |
| Hay, 18,700 pounds, | 168 | 30 |
| Ice, 1,207½ tons, | 3,622 | 50 |
| Leeks, 13 bushels, | 4 | 55 |
| Lettuce, 245.1 boxes, | 183 | 88 |
| Manure, 20.5 cords, | 123 | 00 |
| Milk, 407,217 quarts, | 20,360 | 85 |
| Mushrooms, 44½ pounds, | 44 | 50 |
| Oats, 603¼ bushels, | 330 | 24 |
| Onions, 740½ bushels, | 629 | 43 |
| Parsley, 1½ bushels, | | 88 |
| Parsnips, 220½ bushels, | 165 | 38 |
| Pears, 7¼ bushels, | 12 | 69 |
| Peas, 222 bushels, | 222 | 00 |
| Pork sold, 31,763 pounds, | 2,541 | 04 |
| Pumpkins, 200 pounds, | 6 | 00 |
| Radishes, 518 dozen bunches, | 207 | 20 |
| Rhubarb, 12,897 pounds, | 257 | 94 |
| Raspberries, 21 quarts, | 2 | 10 |
| Sand, 363 yards, | 453 | 75 |
| Scallions, 39 bushels, | 19 | 50 |
| Spinach, 270 bushels, | 108 | 00 |
| Squash, summer, 42.05 barrels, | 42 | 05 |
| Squash, winter, 283 barrels, | 424 | 50 |

Amount carried forward, \$35,308 75

| | |
|---------------------------------------|-------------|
| Amount brought forward, | \$35,308 75 |
| Strawberries, 7,123 quarts, | 569 84 |
| Straw, oat, 18.9 tons, | 244 40 |
| Straw, rye, 3.2 tons, | 48 00 |
| Tomatoes, ripe, 565½ bushels, | 424 13 |
| Tomatoes, green, 35 bushels, | 17 50 |
| Turnips, 69½ barrels, | 86 87 |
| Salsify, 15 dozens, | 11 25 |
| Bran, 200 pounds, | 2 60 |
| Egg plant sold, 11.25 barrels, | 16 20 |
| Hides sold, 1,473, | 131 19 |
| Hides sold, 9 each, | 18 53 |
| Live stock sold:— | |
| Calves, 46, | 431 00 |
| Cows, 5, | 92 00 |
| Hogs, 121, | 724 52 |
| Horses, 2, | 250 00 |
| Gravel sold, 4 loads, | 60 |
| Rags sold, | 50 |
| Bags sold, 3,029, | 75 72 |
| Cabbage sold, 148 barrels, | 168 52 |
| Parsley sold, 16 pounds, | 72 |
| Beef carcasses sold, 2, | 10 62 |
| Veal, whole, sold, 1,086 pounds, | 119 46 |
| Teaming, 744.5 days, | 2,978 00 |
| Labor of patients, 2,490 days, | 2,490 00 |
| Labor of farm attendants, 1,305 days, | 1,957 50 |
| Total receipts, | \$46,178 42 |

OFFICERS AND THEIR SALARIES.

RESIDENTS.

| | | | | | | | |
|--|---|---|---|---|---|---|------------|
| Superintendent (per annum), | . | . | . | . | . | . | \$3,000 00 |
| First assistant physician (per annum), | . | . | . | . | . | . | 1,300 00 |
| Assistant physician (per annum), 3, at | . | . | . | . | . | . | 1,000 00 |
| Assistant physician (per annum), 4, at | . | . | . | . | . | . | 400 00 |
| Pathologist (per annum), | . | . | . | . | . | . | 1,000 00 |
| Superintendent of nurses (per annum), | . | . | . | . | . | . | 800 00 |
| Steward (per annum), | . | . | . | . | . | . | 1,200 00 |
| Matron (per annum), | . | . | . | . | . | . | 800 00 |
| Farmer (per month), | . | . | . | . | . | . | 75 00 |

NON-RESIDENTS.

| | | | | | | | |
|------------------------|---|---|---|---|---|---|---------|
| Druggist (per week), | . | . | . | . | . | . | \$20 00 |
| Treasurer (per annum), | . | . | . | . | . | . | 500 00 |
| Auditor (per annum), | . | . | . | . | . | . | 75 00 |
| Clerk (per month), | . | . | . | . | . | . | 75 00 |
| Engineer (per week), | . | . | . | . | . | . | 25 00 |

VALUATION OF PERSONAL ESTATE .

Nov. 30, 1907.

| | |
|--|--------------|
| Provisions and groceries, | \$12,626 54 |
| Ready-made clothing, | 3,923 73 |
| Dry goods: — | |
| For clothing, | 750 00 |
| For bedding, etc., | 671 34 |
| Furnishings: — | |
| Beds and bedding in inmates' department, | 32,515 50 |
| Other furnishings in inmates' department, | 20,445 30 |
| Personal property of State in superintendent's department, | 13,131 45 |
| All other property, | 25,187 04 |
| Heat, light and power: — | |
| Fuel, | 4,237 07 |
| All other property, | 40 00 |
| Repairs and improvements: — | |
| Machinery and mechanical fixtures, | 53,279 70 |
| All other property, | 1,684 15 |
| Farm, stable and grounds: — | |
| Live stock on the farm, | 17,520 00 |
| Produce of the farm on hand, | 8,133 85 |
| Carriages and agricultural implements, | 6,583 08 |
| All other property, | 5,100 55 |
| Miscellaneous: — | |
| Drugs and medicines, | 621 70 |
| Tobacco, | 103 62 |
| Library, | 6,015 00 |
| Other supplies undistributed, | 7,403 06 |
| | <hr/> |
| | \$219,972 68 |

TREASURER'S REPORT.

To the Trustees of the Worcester Insane Hospital.

I hereby submit my annual report on the finances of the Worcester Insane Hospital for the year ending Nov. 30, 1907.

RECEIPTS.

| | |
|--|--------------|
| Received from cities and towns for support of patients, | \$2,028 97 |
| from individuals for support of patients, | 49,473 55 |
| from individuals for support of patients, reim- bursements, | 9,907 13 |
| from interest on bank balance, | 96 43 |
| from farm and farm products, | 4,460 53 |
| from sales from store, | 550 66 |
| from sale of sundries, | 2,241 52 |
| from Commonwealth for current expenses, | 259,754 07 |
| from Commonwealth from special appropriations, | 45,068 77 |
| <hr/> | |
| Total receipts, | \$373,581 63 |

EXPENDITURES.

| | |
|--------------------------------------|-------------|
| Pay roll, | \$93,254 88 |
| Food: — | |
| Beans, | \$334 76 |
| Bread and crackers, | 535 12 |
| Butter, | 12,979 84 |
| Cereals, rice, meal, etc., | 1,569 98 |
| Cheese, | 702 03 |
| Eggs, | 6,649 17 |
| Fish, | 4,107 89 |
| Flour, | 5,581 10 |
| Fruit, | 3,451 37 |
| Meats, | 22,936 07 |
| Molasses, etc., | 665 05 |
| Sugar, | 4,838 62 |
| Tea, coffee, etc., | 1,540 73 |
| Vegetables, | 4,011 26 |
| Sundries, | 2,980 08 |
| <hr/> | |
| | 72,883 07 |

Amount carried forward, \$166,137 95

Amount brought forward, \$166,137 95

Clothing and clothing material:—

| | |
|---|------------|
| Boots, shoes, etc., | \$1,717 13 |
| Clothing, | 5,184 95 |
| Dry goods for clothing, etc., | 2,970 92 |
| Furnishing goods, | 1,979 02 |
| Hats and caps, | 92 31 |
| Leather and shoe findings, | 45 71 |
| Sundries, | 137 36 |

12,127 40

Furnishings:—

| | |
|---|------------|
| Beds, bedding, table linen, etc., | \$7,536 60 |
| Brushes, brooms, etc., | 413 17 |
| Carpets, rugs, etc., | 487 39 |
| Crockery, glassware, cutlery, etc., | 1,042 11 |
| Furniture and upholstery, | 791 31 |
| Kitchen furnishings, | 421 31 |
| Woodenware, etc., | 157 16 |
| Sundries, | 1,041 96 |

11,891 01

Heat, light and power:—

| | |
|---------------------|-------------|
| Coal, | \$18,261 73 |
| Gas, | 822 39 |
| Oil, | 277 03 |
| Sundries, | 126 22 |

19,487 37

Repairs and improvements:—

| | |
|---|----------|
| Bricks, | \$407 10 |
| Cement, lime, etc., | 1,558 10 |
| Doors, sashes, etc., | 238 98 |
| Electrical work and supplies, | 2,194 76 |
| Hardware, | 1,028 29 |
| Lumber, | 2,040 14 |
| Machinery, etc., | 84 53 |
| Mechanics and laborers (not on pay roll), | 75 |
| Paints, oils, glass, etc., | 2,806 10 |
| Plumbing, steam fitting and supplies, | 2,207 17 |
| Roofing and materials, | 291 39 |
| Sundries, | 2,172 16 |

15,029 47

Farm, stable and grounds:—

| | |
|--|----------|
| Blacksmith and supplies, | \$649 08 |
| Carriages, wagons and repairs, | 637 10 |
| Fertilizers, seeds, etc., | 1,032 17 |

Amounts carried forward, \$2,318 35 \$224,673 20

| | | | | |
|---------------------------------|---|---|------------|--------------|
| <i>Amounts brought forward,</i> | . | . | \$2,318 35 | \$224,673 20 |
| Hay, grain, etc., | . | . | 10,863 84 | |
| Harness and repairs, | . | . | 497 68 | |
| Horses, | . | . | 1,025 00 | |
| Cows, | . | . | 1,988 00 | |
| Other live stock, | . | . | 55 00 | |
| Rent, | . | . | 291 87 | |
| Tools, farm machines, etc., | . | . | 477 96 | |
| Sundries, | . | . | 992 45 | |
| | | | <hr/> | 18,510 15 |

Miscellaneous:—

| | | | | |
|-------------------------------------|---|---|----------|-----------|
| Books, periodicals, etc., | . | . | \$440 46 | |
| Chapel services and entertainments, | . | . | 437 05 | |
| Freight, expressage, etc., | . | . | 265 01 | |
| Funeral expenses, | . | . | 302 00 | |
| Hose, etc., | . | . | 28 30 | |
| Ice, | . | . | 333 36 | |
| Labor (not on pay roll), | . | . | 38 55 | |
| Medicines and hospital supplies, | . | . | 1,697 87 | |
| Medical attendance, | . | . | 609 16 | |
| Postage, | . | . | 365 00 | |
| Printing and printing supplies, | . | . | 519 88 | |
| Return of runaways, | . | . | 126 34 | |
| Soap and laundry supplies, | . | . | 2,663 67 | |
| Stationery and office supplies, | . | . | 345 90 | |
| School books and school supplies, | . | . | 175 50 | |
| Travel and expenses (officials), | . | . | 156 53 | |
| Telephone and telegraph, | . | . | 147 72 | |
| Tobacco, | . | . | 908 89 | |
| Water, | . | . | 5,596 58 | |
| Sundries, | . | . | 1,412 95 | |
| | | | <hr/> | 16,570 72 |

| | | | | | |
|-------------------------------------|---|---|---|---|--------------|
| Total, | . | . | . | . | \$259,754 07 |
| Paid out of special appropriations, | . | . | . | . | 45,068 77 |
| Receipts paid to State Treasurer, | . | . | . | . | 68,758 79 |
| | | | | | <hr/> |
| Total expenditures, | . | . | . | . | \$373,581 63 |

RESOURCES.

| | | | |
|---|---|---|-------------|
| Balance at State treasury (for maintenance), | . | . | \$8,925 13 |
| Balance at State treasury (for special appropriations), | . | . | 15,681 97 |
| | | | <hr/> |
| Total resources, | . | . | \$24,607 10 |

LIABILITIES.

| | |
|---|-------------|
| Due for salary and wages, | \$8,000 05 |
| Due for all other current expenses, | 20,331 17 |
| Due for special appropriations, | 2,079 25 |
| <hr/> | |
| Total liabilities, | \$30,410 47 |

Special Appropriations.

| OBJECT. | Resolves. | Whole Amount. | Expended since Nov. 30, 1906. | Expended to Date. | Balance Dec. 1, 1907. |
|---|------------------|---------------|-------------------------------|-------------------|-----------------------|
| Alterations in farm buildings, etc. | 1905, chap. 91, | \$4,500 00 | \$2,060 57 | \$4,497 28 | \$2 72 |
| Piggery, | 1905, chap. 91, | 1,500 00 | 1,500 00 | 1,500 00 | - |
| Male nurses' home, | 1906, chap. 500, | 55,000 00 | 41,174 70 | 52,920 75 | 2,079 25 |
| Alterations in old buildings for bath rooms and work shops. | 1907, chap. 113, | 6,000 00 | - | - | 6,000 00 |
| Construction of iron staircase and elevator. | 1907, chap. 113, | 7,600 00 | - | - | 7,600 00 |

PATIENTS' FUNDS.

| | |
|--|------------|
| Balance on hand Nov. 30, 1906, | \$3,536 28 |
| Receipts, | 1,944 95 |
| Interest on bank balance, | 68 37 |
| <hr/> | |
| Refunded, | \$5,549 60 |
| <hr/> | |
| Balance on hand Nov. 30, 1907, | 1,886 33 |
| <hr/> | |
| Balance on hand Nov. 30, 1907, | \$3,663 27 |

Respectfully submitted,

ALBERT WOOD,
Treasurer.

Nov. 30, 1907.

STATEMENT OF FUNDS.

LEWIS FUND.

| | | | | | | |
|------------------------------------|---|---|---|---------|----|-------------------|
| Balance on hand Nov. 30, 1906, | . | . | . | \$1,386 | 81 | |
| Income, | . | . | . | . | 53 | 14 |
| | | | | | | <u>\$1,439 95</u> |
| Expended for books and vault rent, | . | . | . | . | | 125 26 |
| | | | | | | <u>\$1,314 69</u> |

Investment.

| | | | | | | |
|---|---|---|---|-------|-----|-------------------|
| Chicago, Burlington & Quincy Railroad bond, | . | | | \$926 | 36 | |
| Worcester County Institution for Savings, | . | | | | 342 | 60 |
| Balance Mechanics National Bank, | . | . | . | | 45 | 73 |
| | | | | | | <u>\$1,314 69</u> |

WHEELER FUND.

| | | | | | | |
|--------------------------------|---|---|---|---------|-----|-------------------|
| Balance on hand Nov. 30, 1906, | . | . | . | \$4,768 | 92 | |
| Income, | . | . | . | . | 240 | 79 |
| | | | | | | <u>\$5,009 71</u> |
| Expended for books, | . | . | . | . | . | 102 72 |
| | | | | | | <u>\$4,906 99</u> |

Investment.

| | | | | | | |
|--|---|---|---|-------|-------|-------------------|
| Three shares Worcester National Bank, | . | . | | \$570 | 00 | |
| Five shares American Telephone & Telegraph | | | | | | |
| Company, | . | . | . | . | 712 | 50 |
| Worcester County Institution for Savings, | . | | | | 1,600 | 00 |
| Worcester Five Cents Savings Bank, | . | . | | | 1,719 | 47 |
| Mechanics Savings Bank, | . | . | . | | 134 | 92 |
| Balance Mechanics National Bank, | . | . | . | | 170 | 10 |
| | | | | | | <u>\$4,906 99</u> |

LAWN FUND.

| | | |
|--|----------|----------|
| Balance Mechanics Savings Bank, Nov. 30, 1906, | \$928 97 | |
| Cash on hand, | 30 | |
| Income, | 37 16 | |
| | <hr/> | \$966 43 |
| Expended for shrubs, etc., | | 315 17 |
| | | <hr/> |
| | | <hr/> |
| | | \$651 26 |

Investment.

| | |
|-----------------------------------|----------|
| Mechanics Savings Bank, | \$651 26 |
| | <hr/> |
| | <hr/> |

MANSON FUND.

| | | |
|---|------------|------------|
| Balance in Worcester County Institution for Savings, Nov. 30, 1906, | \$1,365 87 | |
| Income, | 51 23 | |
| | <hr/> | \$1,417 10 |
| | | <hr/> |
| | | <hr/> |

Investment.

| | |
|---|------------|
| Worcester County Institution for Savings, | \$1,417 10 |
| | <hr/> |
| | <hr/> |

LAND ACCOUNT.

| | | |
|---|---------|----------|
| Balance on hand Nov. 30, 1906, | \$27 52 | |
| For sale of land, | 727 20 | |
| Interest, | 5 53 | |
| | <hr/> | \$760 25 |
| Expended for deeds and surveying, | \$45 25 | |
| Check to State Treasurer, | 715 00 | |
| | <hr/> | \$760 25 |
| | | <hr/> |
| | | <hr/> |

Respectfully submitted,

ALBERT WOOD,
Treasurer of Corporation.

Nov. 30, 1907.

WORCESTER, MASS., Dec. 12, 1907.

I hereby certify that I have this day compared the treasurer's statement of receipts and disbursements for the year ending Nov. 30, 1907, with the books kept at the Worcester Insane Hospital, and find it correct. I have also inspected the securities representing the invested funds of the institution and find that their value is as stated.

GEORGE L. CLARK,
Auditor of Accounts.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics of the Year.

| | INSANE. | | | DIPSOMANIAC OR INEBRIATE. | | | AGGREGATES. | | |
|---|---------|----------|----------|---------------------------|----------|---------|-------------|----------|----------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Patients in the house Oct. 1, 1906, | | | | | | | | | |
| Admitted within the year, | 573 | 513 | 1,086 | — | 6 | 6 | 573 | 519 | 1,092 |
| Viz.: by commitment, ¹ | 355 | 267 | 622 | — | 9 | 9 | 355 | 276 | 631 |
| by transfer, | 293 | 224 | 517 | — | 9 | 9 | 293 | 233 | 526 |
| from visit, ² | 9 | 13 | 22 | — | — | — | 9 | 13 | 22 |
| from escape, ² | 31 | 25 | 56 | — | — | — | 31 | 25 | 56 |
| Whole number of cases within the year, | 22 | 5 | 27 | — | — | — | 22 | 5 | 27 |
| Dismissed within the year, | 928 | 780 | 1,708 | — | 15 | 15 | 928 | 795 | 1,723 |
| Viz.: Discharged, | 344 | 211 | 555 | — | 8 | 8 | 344 | 219 | 563 |
| as recovered at time of leaving hospital, | 108 | 100 | 208 | — | 4 | 4 | 108 | 104 | 212 |
| as capable of self-support, | 25 | 49 | 74 | — | 4 | 4 | 25 | 53 | 78 |
| as improved, | 31 | 22 | 53 | — | — | — | 31 | 22 | 53 |
| as not improved, | 26 | 13 | 39 | — | — | — | 26 | 13 | 39 |
| as not insane, | 23 | 15 | 38 | — | — | — | 23 | 15 | 38 |
| Died, | 3 | — | 4 | — | — | — | 3 | — | 4 |
| Transferred, | 105 | 57 | 162 | — | 1 | 1 | 105 | 58 | 163 |
| Escaped, | 17 | 20 | 37 | — | — | — | 17 | — | 17 |
| On visit Oct. 1, 1907, 1907, | 54 | 20 | 74 | — | — | — | 54 | 20 | 74 |
| Patients remaining Sept. 30, 1907, | 18 | 1 | 19 | — | — | — | 18 | 1 | 19 |
| Viz.: supported as State patients, | 33 | 33 | 66 | — | 3 | 3 | 60 | 36 | 96 |
| as town patients, | 584 | 569 | 1,153 | — | 7 | 7 | 584 | 576 | 1,160 |
| as private patients, | 485 | 425 | 910 | — | 4 | 4 | 485 | 429 | 914 |
| as town patients, | — | — | — | — | 2 | 2 | — | 2 | 2 |
| as private patients, | 59 | 99 | 158 | — | 1 | 1 | 59 | 100 | 159 |
| as reimbursing patients, | 40 | 45 | 85 | — | — | — | 40 | 45 | 85 |
| Number of different persons within the year, | 881 | 756 | 1,637 | — | 7 | 7 | 881 | 763 | 1,644 |
| Number of different persons admitted by commitment, | 308 | 240 | 548 | — | 7 | 7 | 308 | 247 | 555 |
| Number of different persons dismissed, | 292 | 221 | 513 | — | 9 | 9 | 292 | 230 | 522 |
| Number of different persons recovered, | 297 | 185 | 482 | — | 8 | 8 | 297 | 193 | 490 |
| Number of different persons discharged capable of self-support, | 25 | 49 | 74 | — | 4 | 4 | 25 | 53 | 78 |
| Daily average number of patients, | 31 | 22 | 53 | — | — | — | 31 | 22 | 53 |
| Viz.: State patients, | 572.72 | 539.79 | 1,112.51 | — | 9.12 | 9.12 | 572.72 | 548.91 | 1,121.63 |
| town patients, | 469.49 | 400.12 | 869.61 | — | 4.6 | 4.6 | 469.49 | 404.72 | 874.21 |
| private patients, | — | — | — | — | 3.7 | 3.7 | — | 3.7 | 3.7 |
| reimbursing patients, | 58.24 | 100.10 | 158.34 | — | .82 | .82 | 58.24 | 100.92 | 159.16 |
| | 44.99 | 39.57 | 84.56 | — | — | — | 44.99 | 39.57 | 84.56 |

¹ Four patients committed as insane found to be sane.

² Nominally admitted for discharge: from visit, 26 men, 21 women, total, 47 patients; from escape, 20 men, 5 women, total, 25 patients.

2. — *Insane received on First and Subsequent Commitment.*

| NUMBER OF THE COMMITMENT. | CASES COMMITTED. | | |
|--|------------------|----------|---------|
| | Males. | Females. | Totals. |
| First to this hospital, | 261 | 185 | 446 |
| Second to this hospital, | 26 | 28 | 54 |
| Third to this hospital, | 4 | 6 | 10 |
| Fourth to this hospital, | — | 1 | 1 |
| Fifth to this hospital, | 1 | 2 | 3 |
| Sixth to this hospital, | 1 | — | 1 |
| Eighth to this hospital, | — | 1 | 1 |
| Ninth to this hospital, | — | 1 | 1 |
| Total cases, | 293 | 224 | 517 |
| Total persons, | 292 | 221 | 513 |
| Never before in any hospital for the insane, | 242 | 169 | 411 |

Four patients committed as insane were found to be sane.

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

| PLACES OF NATIVITY. | MALES. | | | FEMALES. | | | TOTALS. | | |
|-------------------------------------|----------|---------|-----------------|----------|---------|---------|----------|---------|---------|
| | Patient. | Father. | Mother. | Patient. | Father. | Mother. | Patient. | Father. | Mother. |
| Massachusetts, | 84 | 32 | 39 ³ | 56 | 22 | 22 | 140 | 54 | 61 |
| Other New England States, | 25 | 31 | 22 | 18 | 16 | 16 | 43 | 47 | 38 |
| Other States, | 15 | 9 | 14 | 7 | 7 | 8 | 22 | 16 | 22 |
| Total native, | 124 | 72 | 75 | 81 | 45 | 46 | 205 | 117 | 121 |
| Other countries: — | | | | | | | | | |
| Armenia, | 3 | 3 | 3 | 1 | 1 | 1 | 4 | 4 | 4 |
| At sea, | — | — | — | 1 | — | — | 1 | — | — |
| Austria, | — | — | — | 1 | 1 | 1 | 1 | 1 | 1 |
| Canada, | 15 | 24 | 25 | 5 | 11 | 10 | 20 | 35 | 35 |
| England, | 11 | 11 | 12 | 3 | 4 | 3 | 14 | 15 | 15 |
| Finland, | 3 | 3 | 3 | 4 | 4 | 4 | 7 | 7 | 7 |
| France, | — | — | — | — | 1 | — | — | 1 | — |
| Germany, | 2 | 5 | 3 | 3 | 3 | 4 | 5 | 8 | 7 |
| Ireland, | 33 | 59 | 57 | 36 | 57 | 56 | 69 | 116 | 113 |
| Italy, | 5 | 4 | 4 | 3 | 3 | 3 | 8 | 7 | 7 |
| New Brunswick, | 3 | 5 | 3 | 3 | 1 | 1 | 6 | 6 | 4 |
| Newfoundland, | 2 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 3 |
| Norway, | 1 | 2 | 1 | — | — | — | 1 | 2 | 1 |
| Nova Scotia, | 9 | 8 | 6 | 5 | 3 | 3 | 14 | 11 | 9 |
| Poland, | 2 | 2 | 2 | 2 | 1 | 2 | 4 | 3 | 4 |
| Portugal, | 1 | 1 | 1 | — | — | — | 1 | 1 | 1 |
| Prince Edward Island, | — | 1 | 1 | 1 | — | 1 | 1 | 1 | 2 |
| Russia, | 13 | 14 | 14 | 5 | 5 | 6 | 18 | 19 | 20 |
| Scotland, | 2 | 6 | 8 | 2 | 4 | 4 | 4 | 10 | 12 |
| Sweden, | 8 | 7 | 7 | 9 | 10 | 10 | 17 | 17 | 17 |
| Switzerland, | — | 1 | 1 | — | — | — | — | 1 | 1 |
| Syria, | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 |
| Turkey, | 1 | 1 | 1 | — | — | — | 1 | 1 | 1 |
| West Indies, | — | — | — | 1 | 1 | 1 | 1 | 1 | 1 |
| Total foreign, | 115 | 159 | 155 | 88 | 113 | 113 | 203 | 272 | 268 |
| Unknown, | 3 | 11 | 12 | — | 11 | 10 | 3 | 22 | 22 |
| Totals, | 242 | 242 | 242 | 169 | 169 | 169 | 411 | 411 | 411 |

4. — Residence of Insane Persons admitted by Commitment.

| PLACES. | FIRST ADMITTED TO ANY HOSPITAL. | | | OTHER ADMISSIONS. | | | TOTALS. | | |
|--|------------------------------------|----------|---------|----------------------|----------|---------|---------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| Massachusetts (by counties):— | | | | | | | | | |
| Essex, | - | 2 | 2 | - | 1 | 1 | - | 3 | 3 |
| Middlesex, | 38 | 33 | 71 | 5 | 11 | 16 | 43 | 44 | 87 |
| Norfolk, | 2 | 4 | 6 | 1 | 2 | 3 | 3 | 6 | 9 |
| Plymouth, | 1 | - | 1 | 2 | 1 | 3 | 3 | 1 | 4 |
| Suffolk, | 62 | 41 | 103 | 10 | 15 | 25 | 72 | 56 | 128 |
| Worcester, | 139 | 89 | 228 | 32 | 22 | 54 | 171 | 111 | 282 |
| Totals, | 242 | 169 | 411 | 50 | 52 | 102 | 292 | 221 | 513 |
| Cities or large towns (10,000 or over), | 189 | 136 | 325 | 37 | 37 | 74 | 226 | 173 | 399 |
| Country districts (under 10,000), | 53 | 33 | 86 | 13 | 15 | 28 | 66 | 48 | 114 |

Four patients committed as insane found to be sane.

5. — Civil Condition of Insane Persons first admitted to Any Hospital.

| | Males. | Females. | Totals. |
|----------------------|--------|----------|---------|
| Unmarried, | 110 | 58 | 168 |
| Married, | 93 | 69 | 162 |
| Widowed, | 24 | 33 | 57 |
| Divorced, | 3 | 3 | 6 |
| Unknown, | 12 | 6 | 18 |
| Totals, | 242 | 169 | 411 |

6. — Occupation of Insane Persons first admitted to Any Hospital.

FEMALES.

| | | | |
|------------------------------|----|---------------------------|-----|
| Cigar maker, | 1 | School teacher, | 1 |
| Cook, | 1 | Seamstresses, | 2 |
| Domestics, | 37 | Stenographer, | 1 |
| Dressmakers, | 2 | Tailoress, | 1 |
| Employment office, | 1 | Waitress, | 1 |
| Housekeepers, | 10 | No occupation, | 38 |
| Housewives, | 54 | | |
| Laundresses, | 3 | Total, | 163 |
| Operatives, | 8 | Unknown, | 6 |
| Pedler, | 1 | | |
| Rag picker, | 1 | Total, | 169 |

MALES.

| | | | |
|-----------------------------------|----|--------------------------------|-----|
| Agent (insurance), | 1 | Meat cutter, | 1 |
| Bakers, | 3 | Merchants, | 2 |
| Bartender, | 1 | Mill operatives, | 18 |
| Blacksmiths, | 2 | Moulders, | 3 |
| Brakemen, | 3 | Packer, | 1 |
| Building mover, | 1 | Painters, | 5 |
| Canvasser, | 1 | Physician, | 1 |
| Carpenters, | 16 | Piano makers, | 2 |
| Chair makers, | 2 | Piano tuner, | 1 |
| Chemist, | 1 | Plumbers, | 2 |
| Cigar maker, | 1 | Polishers, | 2 |
| Comb makers, | 2 | Pressmen, | 2 |
| Conductor, | 1 | Printer, | 1 |
| Contractor and builder, | 1 | Prison officer, | 1 |
| Cooks, | 2 | Restaurant keepers, | 2 |
| Draughtsman, | 1 | Salesmen, | 10 |
| Electrician, | 1 | Stone masons, | 2 |
| Engineer, | 1 | Stucco worker, | 1 |
| Farmers, | 11 | Switch tender, | 1 |
| Furniture mover, | 1 | Tailor, | 1 |
| Hotel employees, | 6 | Teamsters, | 5 |
| Janitor, | 1 | Telephone inspector, | 1 |
| Junk collector, | 1 | Tinsmith, | 1 |
| Laborers, | 55 | No occupation, | 30 |
| Lather, | 1 | | |
| Lawyer, | 1 | Total, | 233 |
| Machinists, | 16 | Unknown, | 9 |
| Manager, | 1 | | |
| Manufacturers, | 2 | Total, | 242 |

7. — *Ages of Insane at First Attack, Admission and Death.*

| AGES. | FIRST ADMITTED TO ANY HOSPITAL. | | | | | | DIED. | | |
|-----------------------------|---------------------------------|----------|---------|----------------|----------|---------|------------------|----------|---------|
| | AT FIRST ATTACK. | | | WHEN ADMITTED. | | | AT FIRST ATTACK. | | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| | | | | | | | | | |
| Congenital, | 11 | 7 | 18 | — | — | — | — | — | — |
| 15 years and less, | 4 | 3 | 7 | 1 | — | 1 | — | — | — |
| From 15 to 20 years, | 9 | 5 | 14 | 9 | 6 | 15 | 4 | — | 2 |
| 20 to 25 years, | 23 | 17 | 40 | 28 | 15 | 43 | 2 | — | 3 |
| 25 to 30 years, | 21 | 21 | 42 | 27 | 24 | 51 | 3 | 1 | 7 |
| 30 to 35 years, | 24 | 22 | 46 | 27 | 25 | 52 | 9 | 5 | 14 |
| 35 to 40 years, | 27 | 16 | 43 | 32 | 12 | 44 | 10 | 4 | 14 |
| 40 to 50 years, | 38 | 31 | 69 | 39 | 36 | 75 | 26 | 10 | 36 |
| 50 to 60 years, | 23 | 14 | 37 | 31 | 14 | 45 | 17 | 5 | 22 |
| 60 to 70 years, | 22 | 16 | 38 | 21 | 20 | 41 | 14 | 18 | 32 |
| 70 to 80 years, | 12 | 9 | 21 | 17 | 9 | 26 | 15 | 6 | 21 |
| Over 80 years, | 4 | 4 | 8 | 7 | 7 | 14 | 5 | 6 | 11 |
| Totals, | 218 | 165 | 383 | 239 | 168 | 407 | 105 | 57 | 162 |
| Unknown, | 23 | 3 | 26 | 2 | — | 2 | — | — | — |
| Not insane, | 1 | 1 | 2 | 1 | 1 | 2 | — | — | — |
| Totals, | 242 | 169 | 411 | 242 | 169 | 411 | 105 | 57 | 162 |
| Mean known ages (in years), | 39.9 | 39.3 | 39.6 | 42.0 | 42.6 | 42.3 | 50.6 | 55.6 | 55.4 |

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

| EXCITING CAUSES. | ADMITTED. | | | PREDISPOSING CAUSES. | | | | | |
|--------------------------------------|-----------|----------|---------|----------------------|----------|--------------------|----------|-------------------------|----------|
| | Males. | Females. | Totals. | HEREDITARY TENDENCY. | | NEUROTIC TENDENCY. | | ALCOHOLIC INTEMPERANCE. | |
| | | | | Males. | Females. | Males. | Females. | Males. | Females. |
| | | | | | | | | | |
| <i>Physical.</i> | | | | | | | | | |
| Alcohol, | 64 | 14 | 78 | 5 | 1 | 16 | 3 | 64 | 14 |
| Alcohol and other causes, | 11 | 3 | 14 | 3 | — | 3 | 1 | 11 | 3 |
| Brain tumor, | 3 | — | 3 | — | — | — | — | — | — |
| Cerebral hemorrhage, | 6 | 2 | 8 | — | — | — | — | 1 | — |
| Childbirth, | — | 1 | 1 | — | — | — | — | — | — |
| Congenital, | 6 | 1 | 7 | — | — | 2 | — | — | — |
| Consanguinity, | 1 | 1 | 2 | 1 | — | — | — | — | — |
| Constitutional defect, | 15 | 14 | 29 | 2 | — | 6 | 2 | 1 | 1 |
| Epilepsy, | 5 | 1 | 6 | 1 | 1 | 1 | 1 | 1 | 1 |
| Epilepsy and other causes, | 2 | — | 2 | 1 | — | — | — | 1 | — |
| Excessive tea, | — | 1 | 1 | — | — | — | — | — | — |
| Heredity, | 21 | 20 | 41 | 21 | 20 | 11 | 15 | 5 | 5 |
| Heredity and other causes, | 3 | 2 | 5 | 3 | 2 | 2 | — | — | — |
| Ill health, | 4 | 10 | 14 | — | 1 | 1 | 1 | — | — |
| Ill health and other causes, | 3 | — | 3 | — | — | 1 | — | 1 | — |
| Lactation, | — | 2 | 2 | — | — | — | — | — | — |
| Menopause, | — | 10 | 10 | — | 4 | — | 3 | — | 3 |
| Opium, | 1 | 2 | 3 | — | — | — | — | 1 | — |
| Overwork, | 4 | 6 | 10 | 1 | — | 1 | — | — | — |
| Overwork and other causes, | — | 3 | 3 | — | — | — | 1 | — | — |

| | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|-----|-----|-----|----|----|----|----|-----|-----|
| Pregnancy, | . | . | . | . | . | 3 | 3 | - | - | - | - | - | - | - |
| Privation and other causes, | . | . | . | . | . | 3 | 2 | - | - | - | - | - | - | - |
| Senility, | . | . | . | . | . | 48 | 17 | 31 | 1 | 6 | 3 | 6 | 3 | 3 |
| Senility and other causes, | . | . | . | . | . | 14 | 8 | 6 | 1 | 2 | 2 | 4 | - | - |
| Syphilis, | . | . | . | . | . | 21 | 4 | 17 | 4 | 4 | 10 | 4 | 10 | 10 |
| Trauma, | . | . | . | . | . | 4 | - | 4 | - | - | 2 | - | 2 | 2 |
| <i>Mental.</i> | | | | | | | | | | | | | | |
| Bereavement, | . | . | . | . | . | 2 | 2 | - | 2 | 2 | - | - | - | - |
| Business trouble, | . | . | . | . | . | 2 | - | 2 | - | 1 | - | 1 | - | - |
| Disappointment in love, | . | . | . | . | . | 2 | 2 | - | 1 | 1 | - | - | - | - |
| Domestic trouble, | . | . | . | . | . | 4 | 4 | - | - | - | - | - | - | - |
| Homesickness, | . | . | . | . | . | 2 | 2 | - | - | - | - | - | - | - |
| Worry, | . | . | . | . | . | 11 | 11 | - | - | - | - | 4 | - | 1 |
| Totals, | . | . | . | . | . | 147 | 357 | 210 | 48 | 34 | 82 | 91 | 101 | 121 |
| Unknown, | . | . | . | . | . | 21 | 52 | 31 | - | - | - | - | - | - |
| Not insane, | . | . | . | . | . | 1 | 2 | 1 | - | - | - | - | - | - |
| Totals, | . | . | . | . | . | 169 | 411 | 242 | 48 | 34 | 82 | 91 | 101 | 121 |

9. — *Probable Duration of Mental Disease before Admission.*

| PREVIOUS DURATION. | FIRST ADMITTED TO ANY HOSPITAL. | | |
|--------------------------------------|---------------------------------|----------|---------|
| | Males. | Females. | Totals. |
| Congenital, | 11 | 7 | 18 |
| Under 1 month, | 45 | 45 | 90 |
| From 1 to 3 months, | 42 | 36 | 78 |
| 3 to 6 months, | 20 | 16 | 36 |
| 6 to 12 months, | 23 | 9 | 32 |
| 1 to 2 years, | 30 | 16 | 46 |
| 2 to 5 years, | 28 | 19 | 47 |
| 5 to 10 years, | 14 | 6 | 20 |
| 10 to 20 years, | 6 | 9 | 15 |
| Over 20 years, | — | 2 | 2 |
| Totals, | 219 | 165 | 384 |
| Unknown, | 22 | 3 | 25 |
| Not insane, | 1 | 1 | 2 |
| Totals, | 242 | 169 | 411 |
| Average known duration (in years), . | 3.1 | 2.8 | 3.0 |

11. — Discharges of the Insane, classified by Admission and Result.

| NUMBER OF THE ADMISSION. | RECOVERED. | | | CAPABLE OF SELF-SUPPORT. | | | IMPROVED. | | | NOT IMPROVED. | | | NOT INSANE. | | | DIED. | | | AGGREGATES. | | |
|-----------------------------------|------------|----------|---------|--------------------------|----------|---------|-----------|----------|---------|---------------|----------|---------|-------------|----------|---------|--------|----------|---------|-------------|----------|---------|
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| First to this hospital, . | 20 | 33 | 53 | 26 | 19 | 45 | 21 | 11 | 32 | 20 | 15 | 35 | 3 | 1 | 4 | 100 | 49 | 149 | 190 | 128 | 318 |
| Second to this hospital, . | 3 | 8 | 11 | 3 | 2 | 5 | 1 | 2 | 3 | 3 | - | 3 | - | - | - | 4 | 7 | 11 | 14 | 19 | 33 |
| Third to this hospital, . | 2 | 1 | 3 | 1 | 1 | 2 | 3 | - | 3 | - | - | - | - | - | - | - | - | - | 6 | 2 | 8 |
| Fourth to this hospital, . | - | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | 3 | 4 |
| Fifth to this hospital, . | - | 2 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 |
| Sixth to this hospital, . | - | 1 | 1 | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 | 3 |
| Seventh to this hospital, . | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Total cases, . | 25 | 49 | 74 | 31 | 22 | 53 | 26 | 13 | 39 | 23 | 15 | 38 | 3 | 1 | 4 | 105 | 57 | 162 | 213 | 157 | 370 |
| Total persons, . | 25 | 49 | 74 | 31 | 22 | 53 | 26 | 13 | 39 | 23 | 15 | 38 | 3 | 1 | 4 | 105 | 57 | 162 | 213 | 157 | 370 |
| First admitted to any hospital, . | 20 | 26 | 46 | 23 | 15 | 38 | 19 | 8 | 27 | 17 | 14 | 31 | 2 | 1 | 3 | 93 | 46 | 139 | 174 | 110 | 284 |

[illegible]

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

| PERIOD. | FIRST ADMITTED TO ANY HOSPITAL. | | | | | | ALL OTHER ADMISSIONS. | | | | | |
|-------------------------------------|---------------------------------|----------|---------|---------------------|----------|---------|-----------------------|----------|---------|---------------------------------------|----------|---------|
| | DURATION BEFORE ADMISSION. | | | HOSPITAL RESIDENCE. | | | WHOLE DURATION. | | | WHOLE KNOWN PERIOD OF MENTAL DISEASE. | | |
| | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. | Males. | Females. | Totals. |
| | | | | | | | | | | | | |
| A. — Recovered:— | | | | | | | | | | | | |
| Under 1 month, | 12 | 17 | 29 | 5 | 2 | 7 | 4 | — | 4 | — | — | — |
| From 1 to 3 months, | 5 | 4 | 9 | 6 | 8 | 14 | 4 | 9 | 13 | — | 1 | 1 |
| 3 to 6 months, | 1 | 4 | 5 | 5 | 5 | 10 | 5 | 4 | 9 | 1 | 1 | 2 |
| 6 to 12 months, | — | — | — | 3 | 7 | 10 | 4 | 6 | 10 | 1 | 7 | 8 |
| 1 to 2 years, | 1 | — | 1 | 1 | 2 | 3 | 2 | 4 | 6 | 2 | 8 | 10 |
| 2 to 5 years, | 1 | — | 1 | — | 1 | 1 | 1 | 1 | 2 | 1 | 4 | 5 |
| 5 to 10 years, | — | 1 | 1 | — | 1 | 1 | — | 2 | 2 | — | 1 | 1 |
| 10 to 20 years, | — | — | — | — | — | — | — | — | — | — | 1 | 1 |
| Over 20 years, | — | — | — | — | — | — | — | — | — | — | — | — |
| Totals, . | 20 | 26 | 46 | 20 | 26 | 46 | 20 | 26 | 46 | 5 | 23 | 28 |
| Unknown, | — | — | — | — | — | — | — | — | — | — | — | — |
| Average of known cases (in months), | 20 | 26 | 46 | 20 | 26 | 46 | 20 | 26 | 46 | 5 | 23 | 28 |
| | 2.6 | 3.8 | 3.2 | 3.6 | 9.0 | 6.9 | 6.2 | 12.9 | 10.6 | 22.8 | 29.0 | 27.9 |
| | | | | | | | | | | 18.8 | 25.1 | 24.0 |

| | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|-------|-------|------|------|------|
| B. — Died: — Under 1 month, From 1 to 3 months, 3 to 6 months, 6 to 12 months, 1 to 2 years, 2 to 5 years, 5 to 10 years, 10 to 20 years, Over 20 years, . . . | 20 | 7 | 27 | 26 | 8 | 34 | 5 | 3 | 8 | — | 1 | — | 1 | 1 |
| | 13 | 7 | 20 | 15 | 7 | 22 | 9 | 5 | 14 | — | — | 1 | — | 1 |
| | 8 | 3 | 11 | 14 | 8 | 22 | 4 | 2 | 6 | 3 | 3 | 1 | 1 | 4 |
| | 9 | 5 | 14 | 10 | 5 | 15 | 16 | 5 | 21 | 1 | 1 | 1 | 1 | 2 |
| | 15 | 8 | 23 | 9 | 4 | 13 | 16 | 8 | 24 | 2 | 1 | 1 | 3 | 4 |
| | 14 | 8 | 22 | 16 | 11 | 27 | 22 | 11 | 33 | 2 | — | 4 | — | 4 |
| | 9 | 5 | 14 | 2 | 3 | 5 | 14 | 6 | 20 | — | 1 | — | 3 | 4 |
| | 1 | 2 | 3 | 1 | — | 1 | 2 | 4 | 6 | 1 | 1 | 1 | 1 | 3 |
| | 1 | — | 1 | — | — | — | 2 | 1 | 3 | 3 | 1 | 1 | 1 | 2 |
| | 1 | — | — | — | — | — | 2 | 1 | 3 | — | — | — | — | 2 |
| Totals, | 90 | 45 | 135 | 93 | 46 | 139 | 90 | 45 | 135 | 12 | 11 | 12 | 11 | 23 |
| Unknown, | 3 | 1 | 4 | — | — | — | 3 | 1 | 4 | — | — | — | — | — |
| Totals, | 93 | 46 | 139 | 93 | 46 | 139 | 93 | 46 | 139 | 12 | 11 | 12 | 11 | 23 |
| Average of known cases (in months), | 23.7 | 29.2 | 25.5 | 13.9 | 18.1 | 15.3 | 37.6 | 46.9 | 40.7 | 116.4 | 155.1 | 64.3 | 75.4 | 69.7 |

